

**Charlestown Fire Company, Inc.
Cecil County Station #5**

**JOB PERFORMANCE REQUIREMENTS
ENGINE 512**

Chief or Designee Officer Approval Signature: _____

Date: ___/___/___

Applicants Name: _____

QDT's Name: _____

Dates: _____

Pre-Trip Inspection Section:

Evolution #:	Evolution to be Performed:	Pass/Fail:	Date:	QDT Initial
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1.) Perform a 360 degree vehicle safety check:
Includes but not limited to Fluid Checks, Leaks, Tires, Cab Tilt Lock System, etc...

2.) Demonstrate proper engine starting procedure:

3.) Demonstrate proper driving equipment adjustments:
(Includes but not limited to Mirrors, Seats, Steering Wheel, Seat Belts, etc...)

4.) Demonstrate proper gauge readings for safe operations:

5.) Demonstrate proper emergency equipment operations:
(Includes but not limited to Siren(s), Lights, Backup Camera, P.A. System, Driving Lights, etc...)

6.) Verbally demonstrate the proper use and controls of the Jake
Brake Settings and when you would employ those changes:

7.) Verbally demonstrate the DPF Exhaust Regeneration System:

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Driving Section:

LEVEL #1 – Large Open Area Driving (i.e. Champion Lot)

NOTE: Applicant MUST demonstrate skills while using ALL related Safety Equipment (i.e. seat belts, wheel chocks, etc...) to pass

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Under the direction of the QDT, drive the unit in the open area and perform the following driving skill sets:

1.) Under the direction of the QDT, drive the unit around the lot area
To get familiar with the unit:

2.) While still in a forward motion, make a 180 degree right hand turn
And bring the unit to a stop at a point designated by the QDT:

3.) Under the direction of the QDT, accelerate in a straight line for at
least 100 yards at a speed not to exceed 30 mph and bring the
unit to a fast but controlled stop:

4.) Using traffic cones, set up a slalom type course and drive
around each cone *slowly* without knocking them over:

5.) Using traffic cones and with the back up camera **OFF**, set up
a loading dock style scenario and back the unit up to where
you think back of the engine is at the line of the cones without
hitting them (Must use a Safety Guide):

6.) If the area is curbed, drivers side parallel park the engine
without hitting curb:

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7.) If the area is curbed, passenger sides parallel park the engine without hitting curb.

8.) Under the direction of the QDT, practice proper engine placement as if you were arriving to a structure fire alarm.

9.) Under the direction of the QDT, practice proper engine placement For standpipe supply function (simulate hydrant use).

10) Under direction of QDT, practice emergency driving scenarios with All emergency equipment activated. (Use lined parking area if possible) This should include simulating intersections, cross streets, blind turns, Entering roadways, etc...

11) Under direction of QDT, practice long distance (~ .25 mi) reverse driving with camera **ON** to simulate picking up supply line (Must use a Safety Guide):

12) Under direction of QDT, drive with JAKE BRAKE in all of the selections To understand how the different selections impact stopping/braking.

13) Under the direction of the QDT, on a paved & curbed area, demonstrate A multi-point turn around without hitting curbs or leaving the blacktop:

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Driving Section: LEVEL #2 – Large Shouldered Highway Driving (i.e. Rte.40/I-95)

NOTE: Applicant **MUST** demonstrate skills while using ALL related Safety Equipment (i.e. seat belts, mirrors, signals, etc...) to pass.

QDT to instruct applicant to make various lane changes on these roadways based on traffic volume & patterns at the time of test.

Applicant may be required to repeat these Evolutions's as deemed necessary by the QDT.

These evolutions **MUST** however be performed at a minimum of two (2) times and preferably one (1) during daylight hours and one (1) during night time hours. The second evolution set may also be reversed at the direction of the QDT.

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Under the direction of the QDT, drive the unit and perform the following driving skill sets:

- 1.) Under direction of QDT, enter Route #40 from Route #7 driving East towards North East in the right hand lane.

- 2.) Under direction of QDT, make a lane change into the left hand lane (QDT – Check for proper Signaling and mirror use.):

- 3.) Under direction from QDT, Proceed to area of CCDES PM#2 Station and make a “U” turn and proceed West Bound:

- 4.) Continue West Bound and drive to Perryville intersection of Route 40/US 222 and make a right onto US 222 North:

- 5.) Proceed to I-95 interchange and merge onto I-95 North and continue to go North Bound towards Elkton exit #109:

- 6.) Proceed North on I-95 to exit #109 and exit off onto Route 279 Towards Elkton:

- 7.) Proceed on 279 past Station #13 to Route #40 and merge onto Route #40 West Bound and return to Station #5.

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Driving Section: LEVEL #3 – Secondary Roads & Highway Driving (i.e. Rt. 272/7/267)

NOTE: Applicant MUST demonstrate skills while using ALL related Safety Equipment (i.e. seat belts, mirrors, signals, etc...) to pass.

QDT to instruct applicant to make various lane changes on these roadways based on traffic volume & patterns at the time of test.

Applicant may be required to repeat these Evolution's as deemed necessary by the QDT.

These evolutions MUST however be performed at a minimum of two (2) times and preferably one (1) during daylight hours and one (1) during night time hours. The second evolution set may also be reversed at the direction of the QDT.

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Under the direction of the QDT, drive the unit and perform the following driving skill sets:

1.) Under direction of QDT, operate the unit on Route 7 in the areas of Charlestown, North East & Perryville:

2.) Under direction of QDT, operate the unit on Route 272 in and south of North East:

3.) Under direction of QDT, operate unit on Hances Point Road:

4.) Under direction of QDT, operate unit on Irishtown, Old Elk Neck & Shady Beach Roads:

5.) Under direction of QDT, operate unit on Carpenters Point, Carpenters Point Loop, Mountain Hill & Belvidere Roads:

6.) Under direction of QDT, operate unit in both Food Lion & Wal*Mart Shopping Centers:

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7.) Under direction of QDT, operate unit in all of the industrial Parks in both Charlestown's & North East's districts:

8.) Under direction of QDT, operate unit on Red Toad, Bethel Church Roads:

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Driving Section:

LEVEL #4 – Residential Streets & Developments Driving (i.e. Town Streets)

NOTE: Applicant MUST demonstrate skills while using ALL related Safety Equipment (i.e. seat belts, mirrors, signals, etc...) to pass.

QDT to instruct applicant to make various lane changes on these roadways based on traffic volume & patterns at the time of test.

Applicant may be required to repeat these Evolution's as deemed necessary by the QDT.

These evolutions MUST however be performed at a minimum of two (2) times and preferably one (1) during daylight hours and one (1) during night time hours. The second evolution set may also be reversed at the direction of the QDT.

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Under the direction of the QDT, drive the unit and perform the following driving skill sets:

1.) Under direction of QDT, operate unit in and about the Streets of Charlestown to include Riverview Ave., Cather's Heights', Holloway Beach & Charlestown Manor Areas:

2.) Under direction of QDT, operate unit in and about The housing developments to include Trinity Woods, Scotts Gardens, etc...:

3.) Under direction of QDT, operate unit in and about the Town of North East to include streets in between Main Street and Mauldin Ave., Mechanics Valley Road, Cemetery Road, etc...:

4.) Under direction of QDT, operate unit in and about the The developments of North Woods off Razor Strap & Whitaker Woods off Red Toad Road.

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Pump Operations Section:

Applicant MUST demonstrate skills while using ALL related Safety Equipment (i.e. wheel chocks, etc...) to pass

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Under the direction of the QDT, perform the following Pump Operations skill sets:

- 1.) Place the engine in PUMP mode and demonstrate Placing the proper valves in Recirculation Mode:

- 2.) Explain the operation of the Electronic Throttle Device in detail to the QDT:

- 3.) Demonstrate the booster line operation:

- 4.) Demonstrate Proper Hydrant Connection using the 50' Pony Line

- 5.) Demonstrate proper 3" line hydrant to proper pump Intake connection using Ball gate valve along with 5" line:

- 6.) Demonstrate single engine, single 200' 1.75" attack line Flow operations at required flow rates:

- 7.) Demonstrate a tank to hydrant transfer without losing Water flow to attack line:

- 8.) Demonstrate single engine, multiple lines using the attack line and the Blitz Fire Device at proper flow rates:

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Under the direction of the QDT, perform the following Pump Operations skill sets:

9.) Demonstrate the proper drafting techniques by establishing
 A draft and flowing the deck gun at various flow rates by changing
 The flow tips as directed by the QDT:

10.) While drafting, reduce your flow rate to **IDLE**, put pump
 System in **RECIRC** and demonstrate the proper LDH
 valve **OPEN** operation and return to **CLOSED** position:

11.) Drive unit to a commercial building that is sprinkler protected
 And verbally demonstrate to the QDT where to connect to
 And properly support an activated sprinkler system with
 The proper flow rates and friction losses:

12.) Demonstrate to the QDT where to connect too properly
 Support a standpipe system. Verbally demonstrate flow
 Rates to support various flows and friction losses:

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Various Unit Equipment Operations Section:

Applicant MUST demonstrate skills while using ALL related Safety Equipment (i.e. wheel chocks, etc...) to pass

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Under the direction of the QDT, perform the following Pump Operations skill sets:

1.) Demonstrate the proper procedure for PTO Generator Operation:

2.) Demonstrate the proper operation of the scene lighting Units:

3.) Demonstrate the proper operation of the HURST Pump Unit And HURST tools:

4.) Demonstrate the proper operation of the Electric Cord Reels And portable scene lights:

5.) Demonstrate the proper operation of the Electric Ventilation Fan units:

6.) Demonstrate what the accurate tool inventory is In each CLOSED compartment: